

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051758

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12N5/00 C12N5/06 A61K35/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, CHEM ABS Data, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	BORDONI VERONICA ET AL: "Murine hepatocyte cell lines promote expansion and differentiation of NK cells from stem cell precursors" HEPATOLOGY, vol. 39, no. 6, June 2004 (2004-06), pages 1508-1516, XP009040467 ISSN: 0270-9139 the whole document	1-29
X	AIUTI ALESSANDRO ET AL: "Hematopoietic support and cytokine expression of murine-stable hepatocyte cell lines (MMH)" HEPATOLOGY, vol. 28, no. 6, December 1998 (1998-12), pages 1645-1654, XP009040466 ISSN: 0270-9139 page 1653, left-hand column, paragraph 2 ----- -/-	1-29

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

03/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

van Heusden, M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/051758

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>AMICONE L ET AL: "TRANSGENIC EXPRESSION IN THE LIVER OF TRUNCATED MET BLOCKS APOPTOSIS AND PERMITS IMMORTALIZATION OF HEPATOCYTES" EMBO JOURNAL, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 16, no. 3, 3 February 1997 (1997-02-03), pages 495-503, XP002222734 ISSN: 0261-4189 the whole document</p> <p>-----</p>	1-29
P,A	<p>WO 2004/016777 A (VEZZONI PAOLO MARIA ; AMICONE LAURA (IT); TRIPODI MARCO (IT); CONSORZI) 26 February 2004 (2004-02-26) the whole document</p> <p>-----</p>	1-29

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051758

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004016777 A	26-02-2004	WO 2004016777 A2	26-02-2004